

BAYS (770)

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **DYNAMIC PARTITIONING OF MEMORY BANKS AMONG MULTIPLE AGENTS**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Provisional Appl. No. 60/065,855  
entitled "Multipurpose Digital Signal Processing System"  
filed November 14, 1997

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

09120126-072298

BAYS (770)

I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Steven R. Bartholomew	(Reg. No. 34771)
Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
James A. DiGiorgio	(Reg. No. 36980)
Donald P. Dinella	(Reg. No. 39961)
Guy H. Eriksen	(Reg. No. P-41736)
Martin I. Finston	(Reg. No. 31613)
James H. Fox	(Reg. No. 29379)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Mony R. Ghose	(Reg. No. 38159)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Donald E. Hayes Jr.	(Reg. No. 33245)
John W. Hayes	(Reg. No. 33900)
Mark A. Kurisko	(Reg. No. 38944)
Irena Lager	(Reg. No. 39260)
Frederick B. Luludis	(Reg. No. 26299)
Christopher N. Malvone	(Reg. No. 34866)
Scott W. McLellan	(Reg. No. 30776)
Geraldine Monteleone	(Reg. No. 40097)
John C. Moran	(Reg. No. 30782)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Daniel J. Piotrowski	(Reg. No. P-42079)
Gregory C. Ranieri	(Reg. No. 29695)
John T. Rehberg	(Reg. No. 29207)
Scott J. Rittman	(Reg. No. 39010)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)
Patricia A. Verlangieri	(Reg. No. P-42201)
John P. Veschi	(Reg. No. 39058)
David Volejnicek	(Reg. No. 29355)
Charles L. Warren	(Reg. No. 27407)
Eli Weiss	(Reg. No. 17765)

09120125-02298

BAYS (770)

Please address all correspondence to FARKAS & MANELLI PLLC, 2000 M Street, N.W.  
7<sup>th</sup> Floor, Washington, DC 20036-3307, and all telephone calls to William H. Bollman at (202)  
261-1020.

Full name of 1<sup>st</sup> joint inventor: **Laurence Edward Bays**

Inventor's signature Laurence Edward Bays Date: 6/24/98

Residence: **Allentown, Lehigh County, Pennsylvania**

Citizenship: **USA**

Post Office Address: **2821 Hampton Court, Allentown, Pennsylvania 18103**

Full name of 2<sup>nd</sup> joint inventor: **Jalil Fadavi-Ardekani**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Orefield, Lehigh County, Pennsylvania**

Citizenship: **USA**

Post Office Address: **5530 Heather Lane, Orefield, Pennsylvania 18069**

Full name of 3<sup>rd</sup> joint inventor: **Srinivasa Gutta**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Allentown, Lehigh County, Pennsylvania**

Citizenship: **INDIA**

Post Office Address: **2429 Allenbrook Drive, Allentown, Pennsylvania 18103**

00120136 072298  
862220 52702760

BAYS (770)

Please address all correspondence to PARKAS & MANELLI PLLC, 2000 M Street, N.W.  
7<sup>th</sup> Floor, Washington, DC 20036-3307, and all telephone calls to William H. Bollman at (202)  
261-1020.

Full name of 1<sup>st</sup> joint inventor: Laurence Edward Bays

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Allentown, Lehigh County, Pennsylvania

Citizenship: USA

Post Office Address: 2821 Hampton Court, Allentown, Pennsylvania 18103

Full name of 2<sup>nd</sup> joint inventor: Jafar Fadavi-Ardekani

Inventor's signature *Jafar Fadavi-Ardekani* Date: June 26, 1998

Residence: Orefield, Lehigh County, Pennsylvania

Citizenship: USA

Post Office Address: 5530 Heather Lane, Orefield, Pennsylvania 18069

Full name of 3<sup>rd</sup> joint inventor: Srinivasa Gutta

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Allentown, Lehigh County, Pennsylvania

Citizenship: INDIA

Post Office Address: 2429 Allenbrook Drive, Allentown, Pennsylvania 18103

09120126 072238

**BAYS (770)**

Please address all correspondence to FARKAS & MANELLI PLLC, 2000 M Street, N.W.  
7<sup>th</sup> Floor, Washington, DC 20036-3307, and all telephone calls to William H. Bollman at (202)  
261-1020.

**Full name of 1<sup>st</sup> joint inventor: Laurence Edward Bays**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

**Residence:** Allentown, Lehigh County, Pennsylvania

**Citizenship:** **USA**

**Post Office Address: 2821 Hampton Court, Allentown, Pennsylvania 18103**

**Full name of 2<sup>nd</sup> joint inventor: Jalil Fadavi-Ardekani**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

**Residence:** Orefield, Lehigh County, Pennsylvania

**Citizenship: USA**

**Post Office Address: 5530 Heather Lane, Orefield, Pennsylvania 18069**

**Full name of 3<sup>rd</sup> joint inventor: Srinivasa Gutta**

Inventor's signature Quinn S. Galt Date: 6/24/98

**Residence:** Allentown, Lehigh County, Pennsylvania

**Citizenship: INDIA**

**Post Office Address: 2429 Allenbrook Drive, Allentown, Pennsylvania 18103**

BAYS (770)

Full name of 4<sup>th</sup> joint inventor: **Bahram Ghaffarzadeh Kermani**

Inventor's signature B. Ghaffarzadeh Kermani Date: 6/24/98

Residence: **Whitehall, Lehigh County, Pennsylvania**

Citizenship: **IRAN**

Post Office Address: **1346 North 14<sup>th</sup> Street, Apt. R20, Whitehall, Pennsylvania 18052**

Full name of 5<sup>th</sup> joint inventor: **Richard Joseph Niescier**

Inventor's signature Richard Joseph Niescier Date: 6/24/98

Residence: **Bethlehem, Northampton County, Pennsylvania**

Citizenship: **USA**

Post Office Address: **1937 Peach Tree Lane, Bethlehem, Pennsylvania 18015**

Full name of 6<sup>th</sup> joint inventor: **Geoffrey Lawrence Smith**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Tinton Falls, Monmouth County, New Jersey**

Citizenship: **USA**

Post Office Address: **39 Society Hill Way, Tinton Falls, New Jersey 07724**

091005 091005 091005

BAYS (770)

Full name of 4<sup>th</sup> joint inventor: **Bahram Ghaffarzadeh Kermani**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Whitehall, Lehigh County, Pennsylvania**Citizenship: **IRAN**Post Office Address: **1346 North 14<sup>th</sup> Street, Apt. R20, Whitehall, Pennsylvania 18052**Full name of 5<sup>th</sup> joint inventor: **Richard Joseph Niescier**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Bethlehem, Northampton County, Pennsylvania**Citizenship: **USA**Post Office Address: **1937 Peach Tree Lane, Bethlehem, Pennsylvania 18015**Full name of 6<sup>th</sup> joint inventor: **Geoffrey Lawrence Smith**Inventor's signature  Date: 7/7/98Residence: **Tinton Falls, Monmouth County, New Jersey**Citizenship: **USA**Post Office Address: **39 Society Hill Way, Tinton Falls, New Jersey 07724**09120135-072299  
882270-92T02160

BAYS (770)

Full name of 7<sup>th</sup> joint inventor: Walter G. SotoInventor's signature Walter Soto Date: June 24, '98

Residence: Irvine, Orange County, California

Citizenship: USA

Post Office Address: 20 LaRonda, Irvine, California 92714

Full name of 8<sup>th</sup> joint inventor: Daniel K. Greenwood

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Red Bank, Monmouth County, New Jersey

Citizenship: USA

Post Office Address: 480 Worthley Street, Red Bank, New Jersey 07701

09120136-02298



-5-

BAYS (770)

Full name of 7<sup>th</sup> joint inventor: **Walter G. Soto**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

Residence: **Irvine, Orange County, California**

Citizenship: **USA**

Post Office Address: **20 LaRonda, Irvine, California 92714**

Full name of 8<sup>th</sup> joint inventor: **Daniel K. Greenwood**

Inventor's signature  Date: 7/8/98

Residence: **Red Bank, Monmouth County, New Jersey**

Citizenship: **USA**

Post Office Address: **480 Worthley Street, Red Bank, New Jersey 07701**

40

09120126-02298  
062220-9270260